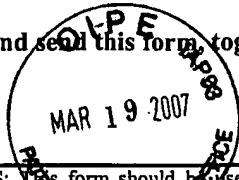


**PART B - FEE(S) TRANSMITTAL**

Complete and send this form together with applicable fee(s), to: **Mail** **Mail Stop ISSUE FEE**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
**or Fax** **(571)-273-2885**



**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence, including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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22474 7590 12/21/2006

**CLEMENTS WALKER**  
**1901 ROXBOROUGH ROAD**  
**SUITE 300**  
**CHARLOTTE, NC 28211**

03/21/2007 RMEBRAH1 00000117 10047474

01 FC:1501 1400.00 OP  
 02 FC:1504 300.00 OP

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 I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Barbara C. Brown	(Depositor's name)
<i>Barbara C. Brown</i>	(Signature)
03-19-2007	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/047,474	10/23/2001	Ronald Arthur Frank	1156.1101101	4062

**TITLE OF INVENTION: APPARATUS AND METHOD FOR EFFICIENT DETECTION AND SUPPRESSION OF CORRUPTED FIBRE CHANNEL FRAMES IN A PROTECTED TRANSMISSION MEDIUM**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	<del>YES</del> No	<del>\$700</del> \$1400	\$300	\$0	<del>\$1000</del> \$1700	03/21/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
LEE, ANDREW CHUNG CHEUNG	2616	370-241000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563).  
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☒ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list  
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 **CLEMENTS WALKER**  
 2 **Christopher L. Bernard**  
 3 **Tyler S. Brown**

**3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)**

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE **CIENA Corporation** (B) RESIDENCE: (CITY and STATE OR COUNTRY) **Linthicum, MD**

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

**4a. The following fee(s) are submitted:**

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☒ Publication Fee (No small entity discount permitted)  
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**4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)**

☐ A check is enclosed.  
☒ Payment by credit card. Form PTO-2038 is attached.  
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

**5. Change in Entity Status (from status indicated above)**

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☒ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature   
 Typed or printed name **Christopher L. Bernard**

Date **03-19-2007**  
 Registration No. **48,234**

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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### EXPRESS MAIL CERTIFICATE

Express Mail No.: - EM 046110444 US

Date of Deposit: - March 19, 2007

Document(s): - PART B - FEE(S) Transmittal (PTOL-85)  
- Fee Address Indication Form (PTO-47)  
- Credit Card Payment Form (PTO-2038)  
- Postcard Filing Receipt

Application No.: - 10/047,474

Filing Date: - October 23, 2001

Applicant(s): - Ronald Arthur FRANK et al.


Title: - APPARATUS AND METHOD FOR EFFICIENT  
DETECTION AND SUPPRESSION OF  
CORRUPTED FIBRE CHANNEL FRAMES IN  
A PROTECTED TRANSMISSION MEDIUM

Examiner: - Andrew Chung Cheung Lee

Art Unit: - 2616

Attorney Docket No.: - 10.0760

I hereby certify that the above-referenced documents are being/have been deposited with the United States Postal Service "Express Mail - Post Office to Addressee" in accordance with 37 CFR 1.10 on the above-referenced date and are being/have been addressed to: **Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 USA.**

  
Barbara C. Brown  
North Carolina State Bar/Certified Paralegal